Any Inaugural Difertation Introduction of Foreign Substances into the Bloodvefsels. Chevard Suna loxe Philisi, admitted March 3d\_ 1023 -

In the impefe the atte lis, the whose a prema. although by sepere impefail which als to the me. propertie Rax June

"Ad extremos morbor extrema rundia exquisite Oplima toppe

In the present ago when it is almost if not entirely impossible to mention a subject which hastnet ingaged the attention of feen of the brightest anaments of that act, which hast been the mount of restricting an invalved by him families this friends, to this families this friends, to the everla, to be add tall more anion of the visiting of that supreme Doing without a whom officiation in act out of fourth, we are marchely succeed.

When we see the difficulties arising from the intentualing of a new medicine in the treatment of any presidents among although strommence by min of advanced got staling, for species of the properties of the a yearny man to have been species and a few should alone should a nothering to May tecant to problem to the me mind alone should about the surface of the strong when the same world, that it is useful in this or that there is the free factor, or that it is useful in this or that there is the and amountation to win a different or power any particular.

bellance " welt of a must acria into the ble theefongs hatragan Mwill in 1 of some of hameisti issue, what culed have sain about the cause symptem, in headment of that disease, that would have been with away a interthing.

Considering it in this light I have actermined that the subject of my inaugural a fortaling shall be upon the interdaction of feeign substances into the blood to fall of living animals

the will in the first place power that this subject compared the attacken of form learned manaparase of a Contary ago that motivish tanaing the positive denials of some of the present day, as to the people billy of interducing any substance into the blood, without provide was attach the most anich the blood without any injurious of power that the most anich the blood without any injurious offers arising therefore, that a member of cross this has been seen the other a amend of anich the great this has been seen the total a most place to what he great this has been seen to the will not be not provided by the stand of the most place to discount the apply of the the term of from the substance to discount to apply of the the term of terms is liable to be attacked.

hat of Ca Zon May 16 the dog vous De George Baghir people of Mysich & Anatomy of Rom.
when speaking of the impropriety of reasoning always
from analogy, sugethat there reason core city, who can
clear that the observations made from separationing upon

Start and the estimation made from a permising open for to what the we worthe statement of the human frame for to what the we worthe statement of the consolution of the blood, the Studies of the viceing many other important facts, but to these openiments, who accuracy of the reason

ing deduced from them.

In his apulation upon the west above of blothing plaster, to sen formed several experiments open Dogsty interestion, that if Cauthanies wite their Sugarla veins. The upon minis are given in the severes of his translater.

Rum May 1892 . I have a marking they upon a labely opened by high jugalar very & injected with a syringe love sences of the Ir of Careharidas which I have made by laking low account of the forward of Careharidas, to his vernes of the water of Careharidas, to his vernes of the water of Careharidas, to his vernes of the water of Careharidas, the segment of the injection, the segment of the injection, the any verniced water & Shiny matter, & voided at

My Histy line was we haling & son Union the

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mouth a vision soil of spaille fill I have finished she injection of two owness; severed up the wowner, it spendshe
I wish breat visitied. This operation was no seem some
than he fell down, at if he have been down. He experies love
to the last memorit of his life, bears of won the typener,
much that my sevenant moved wintermprofilm gave love
without my sevenally worder of guards of south, which
he diank is presently worder a quantify of pollow
with this type to see gave him no more water. Defend his
thisty but we gave him no more water. Defend his
that he was sized with sevenal sing. He died aftermise
rable he was sized with sevenal sings. He died aftermise
rable how longs, the statesthe May at might."

Having opened his carease of found that past of the seal agent which we had made the openiment was perpeth meetified of paties soon the right vertical of the heart fall line was very block & opines, with little a new reason bation, & Some deeper of oil as former upon the fine face. We found thus a small pelopers continues to a close of block in the heft ventical of the heart we found him the heft ventical of the heart we found him the heft ventical of the heart we found him the heft venticals of the heart we found him the heft went when a spelace, but extreme black.

intupor to supslike a waspenaan france to be Deirousto 1 The Lungs & the other viscera were sound. In the wine bladen we found not the least bit of that sliny matter, that naturally quaras the inside of its perhaps the accimony of the Canthanaws had graved it off. The Fall in the gall bladder was somewhat black. The blood that voged out upon the cutting of the veins of the vigeera, was very black without any coagulation of covered with little drops like bil on the Surface?" Dowe not know that the application of blister, more come menly produces Manguy, thirst, I that consequently actions are resorted to, in order to retime the painful sensar elling, arising from that Strangery. Does not this go far to prove, that the same results aire from the external application of to the introduction of the Tr of Canthanas into the blood. On clamining the appearers upon diffee " lion, we find a very good cruse for the death of the day, inapendant of the quantity introduced, & reting in im loci. That part of the met when the incisions were made was found to be entirely mortified & falia! Revious to modification's taking place inflammation

Canthanides Halme, than . Solf anxiely tame thirsty hund all H ripolica, X hail The must have supervined, whether from the vertice of the year
file hattained employed, or from the vertice of the year
fin. It can not be supported that inflamen a line could
france wither in this part without extending its influences
of proceeding either upon a roy until it reaches the
Bain, a discussion of until the Hart became of feeled.
When we not in either case, a most violent six as it continue
with ? Sichen within of them the occurries not the Assertance

tion, more fuzzamenty fatal? ?.

64,22 & Signe down upon a tables a young & insiffundly
dog Sinjecter inte his right jugula con, two events of the de of Cartharidis. The wound warms bown june of Starfeet
at above, Man the step remited & fall down has y erac, Sworhours after he held out his I ingue for thirst, with a great
and if arisisty, but is alterned him no worth. He was so,
them this ty but would not sat, Siet hours after he exprise
with grievors how lings? "A wown of work of the heaps
with grievors how lings?" was heat the blood correctly forms with the seize in the door and congressed
& After all the seize in the door face with little augus
ble vil. The Log being young & not very big, the water

willed doe neution of Hout den Sinjected in Making: 10 Sinhe fell a what touch

being allowed him, the humors were soon defsolved, & melled down by the caustic salt of the Canthanises, so that he died in sighours. In this repriment although the Same quantity of the A was und as in the former, it tuminated fatally in 6 hours. To what cause could this be owing Except to the deficination of the liquia, which he so much craved? Did not the water act by Willeding the block is enabling the Canthairdes to pass off more readily by wine? Mules some mila diluent is taken fully the action of the canthacides overpowers the mater ral action of the Midneys, thereby preventing the fee secretion of wine I bide diputation upon the love & abuse of blisting planter paye 37 About the years agood took a great dog at Maple in the mouth of July, & opening his jugular vein in the afternoons Sinjected into it with a syringer half an owner of the Spirit of vitiol. as soon as I had closed & swather up the wound, the dog was seized with a shivering A thaking: he vomited, & threw out great plenty of sputs "He; he fell down whom the ground, was breathless & some " what touched with convalsions, after a few hours he died.

pels of a les Egefina: my much a In distance La Couline al; Vitmolion 1

Showed the right orunal view of a young dog near the grown, wine. after the injection the dog shivered & shook all over for half a quarter of an hours then he voided wine in great plenty, & was well as to all the functions of life." The termination of this experiment proves most positive aly that foreign substances can be introduced into the bloods whels of a living animal without producing death. 3 Having lied a young dog down whom a table of opened his right jugular kinfused two ounces of the rectified spinis of wines but the injection was souce over when the dog expired". In cutting up his car case, I found the blos very much clotted & coagulated in the Lungs, but all the other parts were sound". The distance that the spirits of wine had to go before it reached the heart, when introduced into the crural vias The continual motion of it, & its particles in consequence of that motion being separated, all tended in a great de. gree to destroy the coaquilating victure of that article, which coaquilation in the last experiment, no doubt

D. Bawara. Sailes lade Status, que Haullerus ac Hkammone Jackenig til mugit

by preventing the free circulation of the bloom through the lungs, caused the death of the dog. In the beginning of 10 91, I laid open at Padua the juga. law in of a young dog, & injected with a syringe, four ounces of cold water. after the injection was over, If the wound done up, the dog was suged with an universal shivering & shaking, but he lived & dia well" Nice diferitation 30 84 pt 4 1.2.3. 1. prages 4 12. 13. 15 -Dr Edward Stother in his chapter as Infusione, Suys "Medicamenta subinde vasis infundantur, tili ab au thoubus haditum est, of que fit, ut effectus sues paule matuing edant. In actis Philosophicis, no 439. Serme fit de milite, oui medicamentem cathactious vonis infune debater, quea pre voto operabater, nodem que auforebat. Elmullerus ait Cathactioum Danlisci injection fuifse quod et kammonii granis septem, soluti in essentia quiace deachinis tietus constabat Schannes Dolans landatopia ta in pervigilio injecta . Salium volatitumin Cataelepti injectionem Salium volatilium, opio maritatos Mum in epilepsia injectionem. Tinotuam martis.

Ji faliai Muntine anjsleg, w Homenany r Spirity 2 of the a tero without he Wa Philos

mustice origins dam venis oum eventu prospero in melancholia immisit. Antiparalytica in paraly-" Si falisi injecit efitie. vid Tharmacopaia practica par Edward Shother M.D. art 6 ar Infusione page 434. In Buch's history of the royal society, Dol 2 nd, may 17 hyear 1065; page A Saw the following. Houstine oil of Jobacco, was injected into the vein of a dog's lequithout producing any effect upon him bol and, may 24 th year 1665, page 60. Eight a Nine drops of spirit of Tobacco were injected into the vein of a dog, with the effect of producing at first Sickness, & followed by vomiting. In allstons lectures on materned bel s, lecture 7, page 08. Hementing that Boulles, & some others say, that olum a Spirity Sulphuis, may be injected to the quantity, of the a two deaching into the veing of a living day, without heating him. The only remark made by the Dodo upon this afsection is, " Sed multurn dubito? In the Philosophical transactions abudged by John Lowthorp, vol 3rd page 227 x by the following experiments

hing often bath been Saly that Morne he home vil of with a are reviews. I Irocapuli profess of anatomy at his in May, having infused into the juzula & trus al win of a legional agent from the supports of the select that is the gut all the bleve in the support was firstly but that is the gut a like the following reflecting. I to that an apoplety being often convert, by a bite conjudation of the blood or both been objected by the foreign much of the blood of both been by the free granter of the blood in the bies of the blood or but been objected by the foreign much of the blood of but been by the grant of the blood of

in home oil of falfahm was injected into the veins of a degrebath to the notation of it, through the experiment was time found times experiment. In women being obered, it has a fell general into all the corners of the reme tench in fall a greating fameat, thereing found time being he fell a greating them with a stranger award; is of this liquer had coursed in him a great appetite.

in julo 1 The two old Both had With & the time rotin dig that, forme 1 paremin Shouther vac 3 De Jahious injected about two dracking of a laxative media cine into the median voin of the right arm of three patients in the Hospital at Dantzick. One of the proteents was a lusty robust soldier, dangerously infected with the beneval diseases & suffering grievous protuberatings of the bones in his arms. He complained of great pain in his ollows, but the medicine began to operate in about four hours, & continued working till the next day. The manhad five good stools after it. Without any other remedies, those protuberances were gone, nor are there any foots teps left of the above mentioned disease. The two other trials were made upon the other see. amaried woman, it a serving maid about 20 years ofages Both had been affected with Thileptick fits from their bith, & there appeared no hopes of curing them. Alafac tive rosin dissolved in an Antispileptick Spirit, was injected into the veins of each. The first of there have gentle Stools, some hours after the injection of the next day the fits recurring now & then, but much milan, an since allogether vanished. The maid had four stoots the first

the with only aprofe mufound. Vacuent los Muerdines Hing himse Jusiem sin Lexocosione Metowake

day, I sweet the day after, but by going into the air taking rela, & not observing any diet, she cast herself away. Mr Smith hath adventised to open a new th infuse some medicines into the blood of two persons in the hospital at Pantzick, as puntely infected with the Fox; whereof He one recovered, & the other diea. The same Mysician towith m. Scheffeler repeated the experiments by infusing altering medicines into the veins of the right army of the persons; the one lame of the Lout, the other ex tunely aprofilectical, & the third reduced to extremity by that odd distingue, the Plica Polonica. The Successof this as M. Heweling ( who was the only person admitted to be present at the operation) informs me was, that the fourty man found himself pretty well the neft day, & shortly after went towork, it being harvest line, & has continued, well wer since leaving the Hospital Aug. 17th 1668, & pro-. Ifting himself oured: The apoplectical hathnot have one paroxism since: I the several seres which the Plien Bloma had occasioned, are healed & both these persons are able to work

for after. He with day after the In Hallers Section fuil Butur, Vin s Mia delilis Shitus, & ifes wimal Enece Whilosopher Marie Mass bring Expurime In autumn 1690 & (Dr. A moulin) injected into the jugular van of a dog half an owner of oulde mercury, I observed the dog soon after to have a dry short oough, which by intervals seized him. about two days after I found him trous bled with a great difficulty of breathing, & making a wise like that of a broken winded house. The fourth day after the injection of the mer cury he died " ... In Haller Thy siology rol. 2 of Sect. 2 no 125 pages 7 6.7. 8 we find the following En venas vivi animalis datum alias non nocuit alias animal post, cam infusionem ex-. tinclum fuit , sive id aceti oulpa factum est, sive casus rim suam olsewit. Spirity vitrieli debilia & alumini liquer sanguinom mondum co quet to policy dilucre midentur, Vin venam injectus spiritus salis dilutus to aqua regia delilis animal non occidit; alias forte non salis dilutus, & ipse & Sulfuis per campanan, paratum, oleum animal mecuit.

Saka Milesphicalwak; of the hours with Lober Boyd De Ly Ly Ash March for Start 22, Het. 200 for 18 see fine the for being separates I Mar Enterphon Wars processes a large

Jug. into the Having inje alian ara noval a last inimal fact com in fazionem so to prince a deliter & for sulpainter conforming problems nt was very the Spirit w

dog, into the vein of whose hinder by, we conveyed by a syringe a small dose of a warm solution of Option in Sack. The effects when of became manifest as soon as we could loose the dog from the cour who with his feet were tica for he immediately began to nod xreel as he walked; whereupon to pussue his life, Induced him to be kept awake by whipping, which after some line brought him to himself; so that he son grew fat upon it. Nede note at page 38 of the same Book for the following 14 Having injected into the jugular view of a dog two owners & a half of He paracea of opinen the dos efficied in four minutes notliffuels in his limbs It Two owners of spirit of wine were injected into the jugular vein of a dog, which terminated fatally in a short time. I Six arachen, of first of sal armonia c prepared with quickline being injected into the jugular view of a dog, he was within a quarter of an hour converted over his whole body. The cuinal sein being first opened & next the jugular, the blood that ran out was very fluid to this smell strong of the winous spirit Lappeaux full of bubbles of air. Soon after half an owner more

of the Mint was injected, I the wy experied.

sixted into the postaken win was with co. Labore Effere line from ghe friend to friend they to that The sub tody is no who 15 which ren withave beer Mays Toreig Menta the be husaiption of Thaviewo mintroduced is giptist into the jugata som of a deg Sa a grants of so, how he was laken with a strong's frequent purtailin of the start 13 star. Harden strategy, saws with convention to whethings, Startfor convenience being spicted for this convention.

The above seperiments with second others were preformed by Vitacions, that it if prime must be above to the court carrie in specific carrie in the bloods. To her could have an unexpecting assembly if not to a cultivity conducts that the great quarative of the substance, employed was the arrive on the substance, employed was the substance, and to present quaratives of the substance, employed was the substance of the substance of

In the manuscript lectures of the Hauto, a man where an shorty is no when more highly estimated than in this therina, that is offered the stands have been over booked. In his chapter on the human the says of the says to the the beargher of the sail of making the says that the beargher of much friend a say free manuscript, the say many mich and much friend a so were for the law of the says and the says the

With a view of agentaining the operation of some measons, when introvered into the blood, he made the following experiments.

him these Expe Lat very pour buse remains Altrong solur ling theown e the Heart & a. of a weak solution of sea salt was the council the copie's of a log, without persecuting very apparent change.

I swothams of Break application an owner of water, was inject.

To Equal quantities of Vinega & water, theover into the circular tim of a bitch with young produced miscarriage.

It poterolic acid diluted to the strength of vinegan in simi-

Som these experiments Mr. Wanto soma ky the tot of spring that sony prevential westering may be present in the blood, without very visible effect. But there are other successions with which are made may be little to the second prevential way be referred to love the other from the state of the second properties of the second will be referred to love the court was for the second weeks continued while the court was not for Grand less than the court was not for Grand less than the court was not for Grand less.

I Afterny solution of opinion was thrown into the owned on of a day, I recasioned violent convertions, upon more being thrown in he let the we of his limbs, became quiet breathing very laboriers & quick, with increases action of the Hand & activity. I wo deading of the increases action

for the sick 101 perfectly e himpusion of The produced Journey vinega. Intermitie ac Wintroan ce a po Limum of a fo to therein of a John Hauter into the bloom

18

just his circulation priduces great relapation. The stoy be anneased for an hour & gradually recovered.

Soo verses of James was to occasioned convertions, his by you command to the soon of flowers recovered.

The grains of Mecconomian the consiste his soins of a day converting the best of the soins of a day converting which con timude near an hour. The sickups was to immediate that it could be an hour the sickups was, to immediate that it could be seen for the sickups was find the survey of the surve

Am injusion of the back have no other effect from uging the wines

the Common vinega had the same effect.

Diluted pilice acid distinted him very much but dia not hall;

I di introduce a destroyed animals.

I he sum of a public reside in a fulled five was injected into the very of a bitch. I produce comiting but the remove .

Mr Alm Haute days that when extraneous mater interes .

ace just he blood forces as exall, it seems to be from the

What a dor sing the feed Muinouts, Jam, it need shoperforme Hour five a seal that the Siment was for tome afterwar. remof pus as Jenhour Xa Bam of flina. quantity interances being tre great for the selfels. From the result of them experience by it appears storcedy pefor, the that a street can be raised by the most despecience conser-

ning the practical dity of injecting foreign substances into the blood, without proving destruction to life.

That great case was taken in the performance of here speciments that recurate statement has been given of, them, it went only be recollected that it was been thanks who fresones them.

In the inaugural a fortation of Dreskam Styber 1 a grade. Let in this serious if y forge At 1 sty We the following spaines,

I About fine draws of fruitie serum were injected into the firmed our of a betch, after the enjection was finished the was placed on the flow rather plied to walk, but was so weak that the fift drawn: I am flow & a heaf after the serious of finisher was preferred by after the serious of the contract of the serious of the serious of the contract of the serious of t

10 a deam of pury deleted with a little clean water, produced death in an hour & a half.

3º a draw of flicia matter produced by highly putil beef dilutes

na injeole a the the afife yring of fe Intentione. billy well. 5 grains of me balf of cleary un fa Bitos bustle intent with four wars of puties from water produced weath in down hours & a shalf

I welve grains of putria blood diluted with advan of the pump water , produced death in Twenty hours.

The grains of pictics bless in a diment a half of olin pump was, are injected into the formand sein of a bitch. It hours after the appealing the way for the day following she was furfeely well.

[2 gains of feelist blood in a come to half of clear pering water never injective into the become and new of the bolok last mentioned. Theo stays after the Experiment johe was perfeelly well.

Half a count of fuction bloom I a train of then from proceed were injected with the humeratures of the last man time with the way for five last man time with the super for the way after the enjection. It grains of miles worked all the follows in two trains of a half of the frames water were injected into the formand went of a Bitch Maior prefet field his hours a fire the injection.

Hwas the intention of D: Seybest to dispune by these repairments

Whon holain which food st. Simples been atilioney, & as Dinjected by Imedian veir wated violent hich before wa unductors of 13/mg 226 xx mais il est de

the profibility of the blood of a living animal becoming puted, I for this purpose putica substances, were selected to inject into the veins as offering the greatest hopes of rendering the bloom puture, if such a thing had been profible. The results of his experiments as is already well known outirely overthrow any theoretical opinions, that might be differinated by those holding an opposite doctione. A singular mode of producing varieting, for the expulsion of solid food slicking in the Asophagus, to threatening suffor , cation that been proposed & practised by one or two German Practitioney, & as is said with complete success. Four grains of Factor Emelie were dispolved in halfan ound of warm was to injected by means of a syringer with a long tube into the median view of the arm. In about a minute, the Patient venited violently, & discharged the obstanding substance. which before was in vain attempted to be distodged. Vide Hestical & Suginal review vol. 12. \$13 page 32 of miscellanous fa 1805? The conductors of the Victionane des Jainces medicales; at Paris Vol. 28 page 26 x sog: under the head of Infusion thus speak of its Mais il est des cas, ou le médicin après avoir épuise

unt, cela se Inbukeany My succes, du 1897 Sprag ty curinges, Mathieu God tune se con de tote chronique water Has

sans fruit toutes les ressources de l'art, reste spectation visit d'une most, que vien ne peut plus empicher; pour quoi, alos, n'amait-il par recours à un moyen extrances qui paux ajoute an danger, peut faire encore biller une levour d'es: pérance? et quand il n'arracherait qu'une victime à la most, cela sufficient from excuser son outofrise. Ependant le dosten Schmist de dantzick, répéta en 1668, les experiences de l'infusion dans les veines, et en obtint des Succes, contre l'Epilepsie, la Syphiliz, et la Soute. Lorba keing a public dans les journais de follingue, des des succes, dus aufsi à la mome mothore Jubicing in 1668, it Spragel on 1753, out fait beaucoup a reflecionces tres curiouses, sur l'infergion dan les veines jugulaires. Mathieu Godefroi Purmaun se fit une promière fois alle operation on 1683, from se reliver d'une gale opiniatre. I une seconde fois pour se quein deur fiere intermit · toute obvouigne. On ignore quels sout les fluides qu'il sinferm. Lieberkulen et Lasake, en 1770, infeseent avec le plus grand Succes, les substances Einstiques, et Pugatines, dans les vienes, et he doction Hable, ayant afsigle a ces experiences, textrecours

mill sans qu 14 Cometique offerion a'ca Quite Hemo Vation, a'und brana sun go In futial qu Mi kauné par Fromer, a une

un jour à l'infusion de six graines, de Tartrale antimonie de Potafre, from exciter le vourifsement, chez un soldat dans l'auphage duquel un moreian du tendon de banfetait. write, sans qu'on sut per en faire l'extraction, su faire avris , su l'emetique dans l'estomac. Schmucke dit avoisseu le meme succes, dans une circonstance absolument parielle. Hemann, Medesin allomand, grand partisan de l'infusion, a powent ripite, en 1773, be experiences at Kaller et autres, auc assessellats non moins hemmes que les leurs. Une demoiselle avoit un épistasis, qu'on voulnt aviette fran Coffesion a can privac sen la tête. L'épilepsie en ayant été la puite. Hemann puit le parti d'infere une onceà la fois de la whition, a under gras de muse, dans Six ences a sau; ce que procura une queison confelete. Un autre malace, affecte anne filve pertide qui l'avait reduit, à la dernihe attenuité, fut aufi samé par cette méthode. Le mine médecin lui infusa trois onces, a une forte teinture de quinquina, avinde d'un peur d'uprit de come de cup; il y ent du mieng, le pouls se relevo; mais ledanger recommenzant, on décida la our en infugant dans la veine une don épentiel, et d'estrait de quinquino.

& chances fa Witanos trans insontestables It failes frub helper sur des bu table à I pit un bien f. Them plus her Mecefinence tate l'ingestion a ces dubetauns, n'amait pas la la mine disolteit. Les Damis et les deixes, ent familierement recons à l'informe dans leu mice aux céttimens, et els sa obtiment as succès. In sait que les reuninans agant quate estema es et et afficite de les feures. Les observes, ne sont pungh qu'en bout the vignt quater heures, landis qu'en peut obtinis, en peu a instins, est effet de l'infusion.

Litterie aquere d'opieum interduit à pelles dons parles veus crus also multime, furgent moins perfect contra la chances favouables. Mus l'avoir sepage super jois centre le Maines trammatique del y a toris anos, et nous cours se contrate l'avoir avalaces; l'estiquiences ent et faits publiquement, et le l'avoir as officers se soult saile publiquement, et le l'avoir as officers se soult saile, des distili à Mondimentant. Interimenment mos avins fait en deil peles granes autores des lifes, qui avaint plus de moit peles freis que la forposition des generales de mais et de ving sen huit et que est alia se moyare par a succeptionnent vousit et en desproys contra contrate de maist accident, qui ait en desproys aufir en augustes, et maist accident, qui ait en desproys contra contrate de maist accident, qui ait en desproys aufir inna aqueble,

Haut reveiller beguiron speason intere de la b поминерия д Stomac tenter 1 Bir de la mes Braph 63: "Ha s in from their none the duly aufi encourageaus?

Linfusion est un moyen curatif si actif, qu'on a à regrette de le vois si racement employé. C'est suitout dans les cas, ou il faut reveiller la nature oppioner, dans les asphysies, Phydrophobie, etc; à la swite de l'empoisonnement, lorquien spasme letanique s'oppose invinciblement, à l'ou verture de la boucher et que la aughition est improprible, meme in intedicipant les médicamens à travers les inci-· Sives préalablement en levées, et qu'il fant obtenir le prompt vomissement des matières ingérées, le seul moyen d'y parieur servit d'infuser un initique par la veine. Dans une peste qui menace la vie ac la malade, que ris que nait on de tenter l'infusion de quelque substance dans les veins? Le Pire de la médecine, autrize cette andace, puisqu'il dit ( dot 1. aph 6) . Ad estremog mortes, extrema remedia exquisite of lima". Within the last few years, I " Hale of Poster has been prosecuting this hubject, I after having performed a mumber of experie ments to being fully salisfied that no injurious effects had arisen from them, he actumined that he himself would become the Subject of his last experiment, & shows to the

esical world Istances as a havefsels of Infect Safety brinaugur 1 th number following Es aptical that and without Eur grains of 5 ntry & yellow spains of Jac Magrain of Ja medical world that opposes to the peopline denials of some he stances on a few providing thereby demensioning incomes, so take that fever holds tame, come interdevent into the threat nepuls of diving animals & of man himself with feefed the fely.

In the inaugural dispertation of D. Rodal Milaon, public bearing the plane and the properties of the Mainespeter bearing of minima My interior jump. The following openious of pure are required to consume the

the felling speciments of med are repeter a convenie me septime that foreign substances can be introduced into the blood without presencing another

of these grains of hambogs in a watery solution produces prequentwatery & yellow coloured Stools.

\$ 15 grains of Sasta. Sometic in half an owner of warm water favore on vaniety in two minutes, the 20 minutes a violent varieties & purging commenced in 35 minutes, he wo fined.

I Two grains of Famboze in a cost of solution, produces offers similar to those in the first experiment.

Half a grain of Jacla Emelic, produced no uneasings.

\* On grain of Sactar Emelio in the reamy of warm water, produce woming to afte 30 minutes, I several Hoof o

Selenate of A try pain. It fo Ling the day; sugnet the de istroduced into lysten in a me Emedium of witundoublealy Mof the best vidicine, in so hunused with Witten before amost active Main diseases, July inest or p I injected into the jugular vein of a large cat, half a deam of Carbonate of Ammonia in half an owner of warmwater, It caused a prostration of thought, accompanied by cies indica a . ling pain. It produced nausea, but no vomiting, she slept during the day, I the next found her as well as usual." The testimony of all the injurimentalists that I have brough for cleaves not the least profsibility of a doubt, that medicines when introduced into the blood, ejet their specific action upon the System in a much shorter line than when taken through the medium of the stomach. This being fully established, parit undoubledly in & knowing that from the commence ment of medical science, we have been authorized by all of the best Physicians to resort to the most active medicines in our profression, when the milan ones have been used without producing any good effect? Hit can be proved that the medicines, nows considered as the most active acticles of the materia medica, are in certain diseases, & when taken in the usual way, withen wholly inest, or from the longth of time require a before

they produce any effect; the disease has advanced

htte physician my into the b to may be fel that beneficiar haufen Hy Will remains Attied, warra Minposible introduction The equally is defiremedies to the proper buta be inter

to far that it may be deemed incurable, is it not proper for the physician to resort to the injection of these medicines into the blood refsels, in order that their good of feets may be felt by the system at large? What beneficial effects, has any medicine here tofore tied had upon Hydiophobia? His well known that Heydrophobia has from the carliest ages, been ranked among the Opprobia medicour to that it still remains so, the inoffice cy of all the medicines as yet lied, warrants a just conclusion? Now although it is impossible for any one to say, that by resorting to the introduction of any medicine into the views, it will become as managrable as any other disease; yet judge

it to be equally improfible to say that it will note Byon whator, new sew o care of it & while the list of autify servedy served, by great it can not be hopping that the proper servedy, a the precise time at which it there was the laid there.

Himay be objected to by some upon the felia, that a sufficient number of trials has not been made to authorize

butials. 20 is the bloom, s how where the at some of white not to sty follower to the Maron to dec Mynet Sta

this more of proceeding. If their objections are well grounds, which from the number of facts produced in this effay from various authors they cannot bes upon whom would they make these trials. Would they let a human being expire in the most agonizing torments, without making an endeavour, to avert the retentless hand of death. Could there be a case, in which a Physician would be more justifiable in resorting to this last expedient; than the one before us? Death must inevitably ensue without it, by reserting to it no one can say what would be the result. One thing is certain, the event in the case where injecting into the blood, was adopted, could be no worse than in the one where it had not been. That it will be practi-, sed at some future precion, I have no doubt, tif by this means the life of one human being shall be saved, ought it not to be an inducement for Physicians to proand, I by following the example of that one who Dufficient resolution to throw off the Shackles of theoretical notions, endeavour to decrease the list of the Opprobia Medicourn. Does not I stanus in a great majority of cases prove

tractable to · wjustly to 1 sporthern. Vitnot freque 101, Wit Course setticines fra introduction, ally prompe Seth Muder to Tu & the Phy and known many seas to the train has marailing? I she there I

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jutaciable to the amore of heart for used ? Heremarks, made upon the preceding disease apply to to justly to this that it will be unnecessary to marge upon them.

Ditnot prejuently in breup, a source of great regret; that consisting con net be preduced by any of the usual numeries?

Should a body of any magnitude be lieged in the Aleiphan , gus, with con within he four his into the Homach, now can any medicing profit by it for produce someting, me will the interdection of an America sep the rection and sufficiently from pelly to relieve the palliet from imperating parts, Junan there concerns stances the parties imperating and the Shop process colleges have the supplication of the supplication of the form of the confidence of the supplication of the supplicatio

When Person has been to ken. The first injunction land decemby all is to comit, I how often are their orderwoods to do this

unavailing?

In the there last cares, how beneficially night the injection

water number of sufusing to fo flaving the ly Gint number, mong the list

of an existic into the blood reflets beginned to the remaining fines could be source of the newtral world would resolve to perfect by the experiments alway performed the facts was set thereform?

It it has been per forme in he many instances, it in the greater number of them, the result has proved the frequesty of it, would not a Maysician to very cursuable, in reglecting or efecting the hip of the fatherst submitted to his care? I sould prove the life of the fatherst submitted to his care? I call freshow, I apply to the last trys of a great variety of signers, but having applicant to a seq. finite to the host to a seq. finite to the his the last to a seq. finite to the host of the survey of a great variety of signers, but having applicant to a seq. finite one of the survey of a second finite or a summer in the he appeal ation of the mercical before to whom it is accordant.

Huds Uno Un